

# MC-405C OUTRIGGER REACTION FORCE CALCULATION

(静、動荷重係数考慮)

WORKING RADIUS 5000 mm  
LIFTING LOAD 1700 kg  
STAGE 4  
EXTENDED OUTRIGGERS MAX

$\theta$	FR	FL	RL	RR
0	1128	1128	3183	3183
5	1135	1128	2994	3365
10	1152	1133	2802	3535
15	1181	1142	2609	3690
20	1224	1152	2421	3826
25	1283	1160	2240	3940
30	1357	1166	2069	4029
35	1449	1168	1912	4092
40	1559	1165	1771	4127
45	1686	1156	1648	4133
50	1829	1141	1542	4109
55	1988	1121	1457	4056
60	2160	1097	1390	3975
65	2343	1069	1342	3868
70	2535	1038	1311	3738
75	2732	1008	1296	3585
80	2931	980	1296	3415
85	3129	956	1307	3231
90	3321	938	1327	3036
95	3504	930	1354	2835
100	3674	933	1385	2631
105	3828	949	1416	2429
110	3963	981	1446	2232
115	4075	1031	1473	2044
120	4162	1099	1494	1868
125	4222	1186	1507	1707
130	4254	1292	1512	1564
135	4257	1418	1507	1439
140	4231	1563	1494	1335
145	4176	1724	1471	1251
150	4093	1901	1440	1188
155	3983	2092	1402	1146
160	3849	2292	1358	1122
165	3694	2500	1312	1116
170	3520	2712	1265	1125
175	3331	2923	1220	1147
180	3131	3131	1180	1180

<b>MAX (kg)</b>	<b>4257</b>	<b>3131</b>	<b>3183</b>	<b>4133</b>
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(unit:kgf)